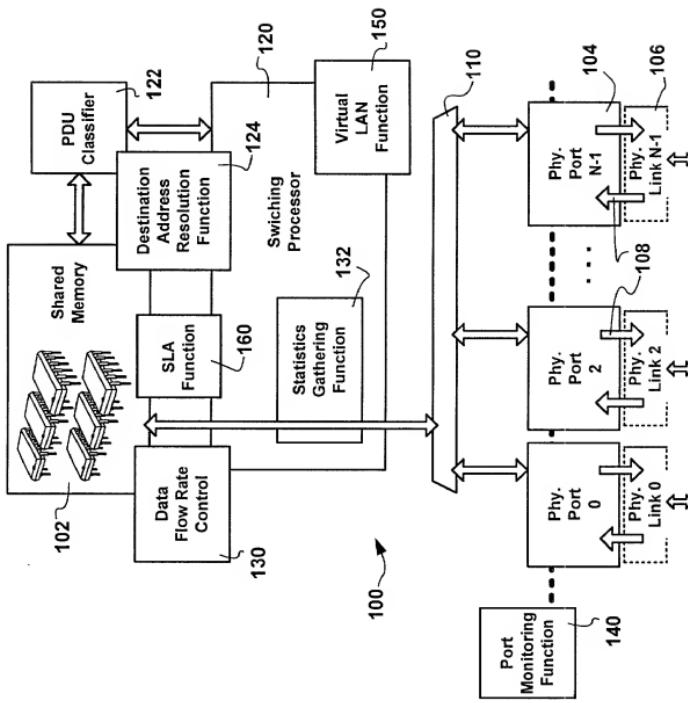
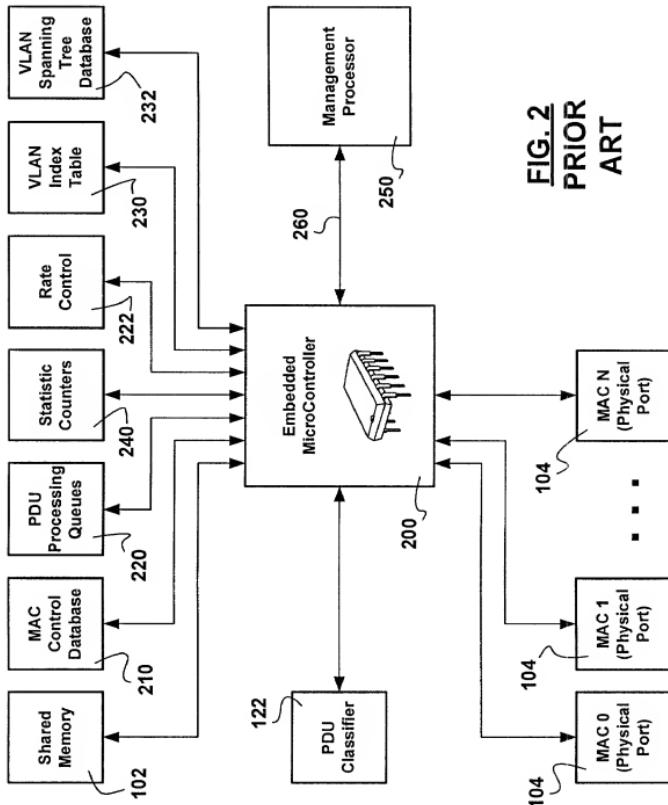
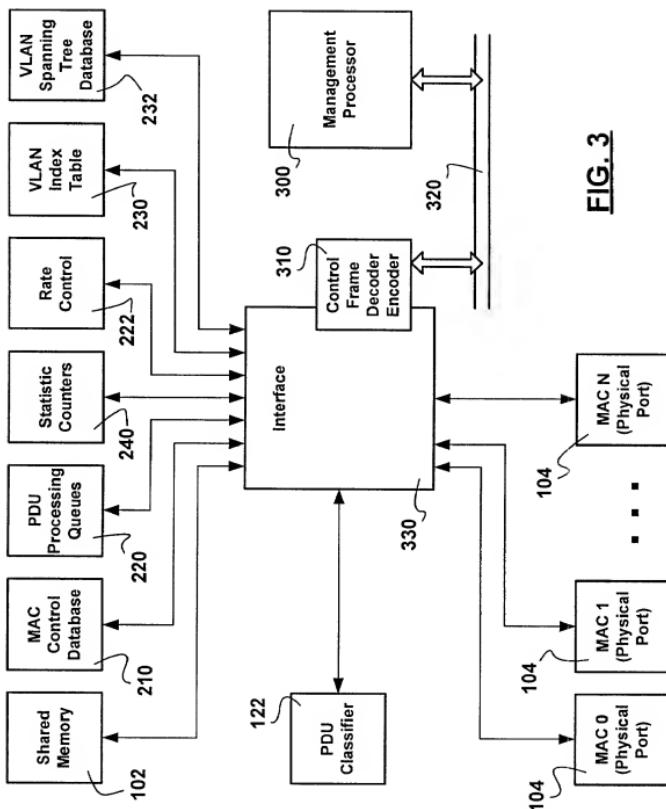


FIG. 1







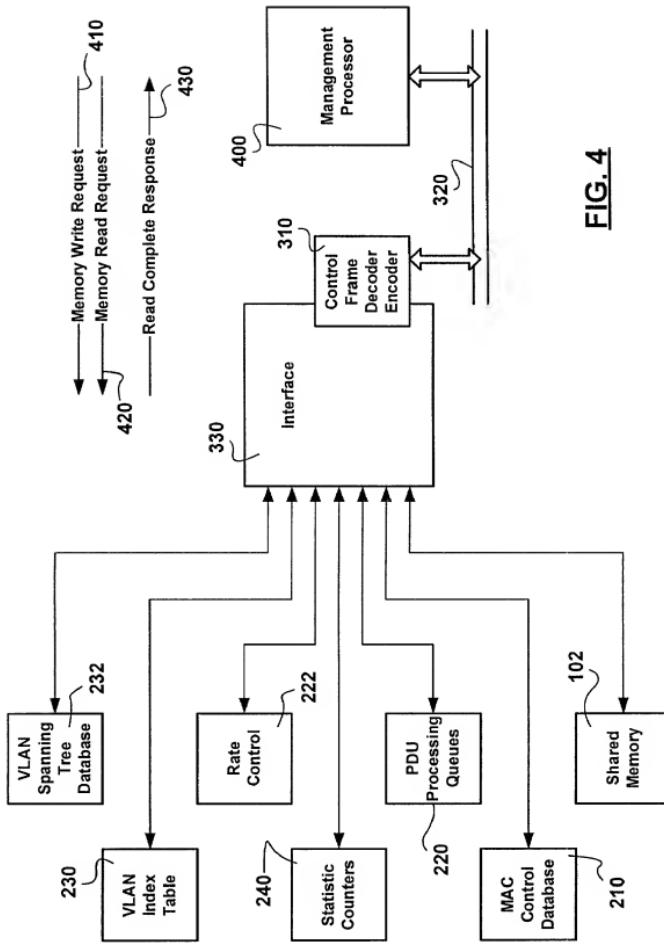
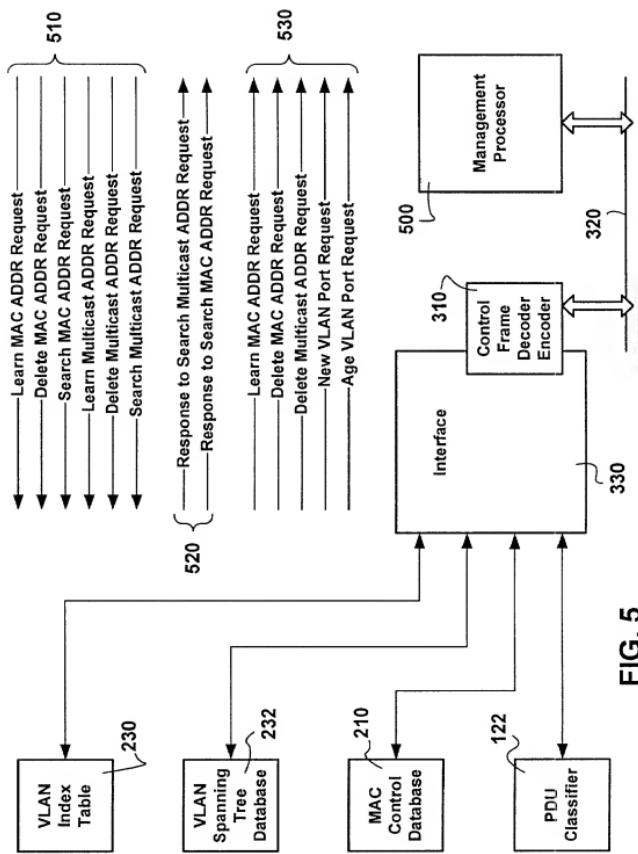


FIG. 4

**FIG. 5**

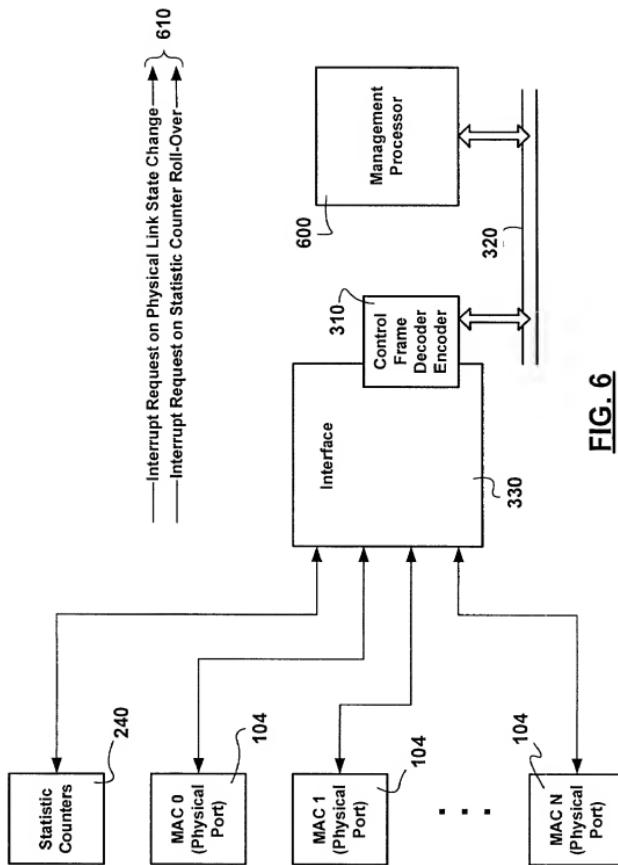


FIG. 6

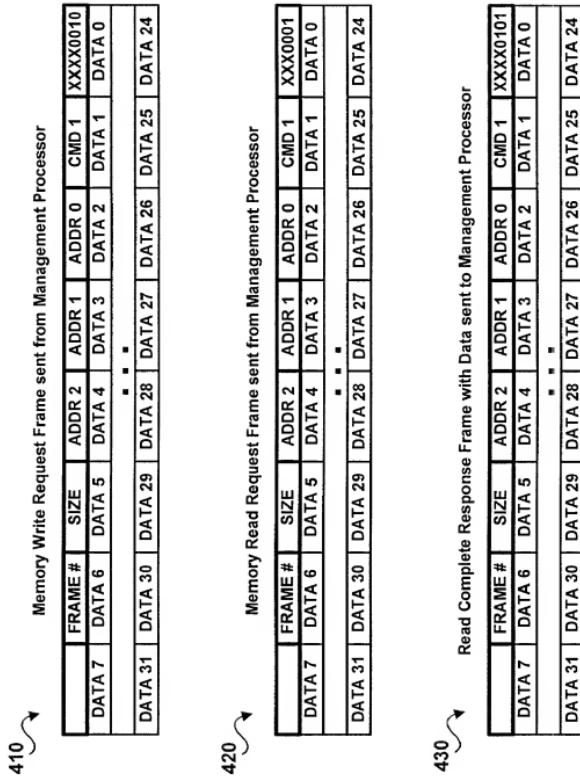


FIG. 7

MAC ADDR Learn Request Frame sent from Management Processor

	FRAME #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXX0100
PORT #	STAT	MAC 5	MAC 4	MAC 3	MAC 2	MAC 1	MAC 0

MAC ADDR Delete Request Frame sent from Management Processor

	FRAME #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXX0000
		MAC 5	MAC 4	MAC 3	MAC 2	MAC 1	MAC 0

MAC ADDR Search Request Frame sent from Management Processor

	FRAME #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXX0011
		MAC 5	MAC 4	MAC 3	MAC 2	MAC 1	MAC 0

Learn Multicast ADDR Request Frame sent from Management Processor

	FRAME #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXX1100
VLAN IDX		VLAN ID	VLAN ID	IP ADDR 3	IP ADDR 2	IP ADDR 1	IP ADDR 0

Delete Multicast ADDR Request Frame sent from Management Processor

	FRAME #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXX1000
		VLAN ID	VLAN ID	IP ADDR 3	IP ADDR 2	IP ADDR 1	IP ADDR 0

510: Search Multicast ADDR Request Frame snet from Management Processor

	FRAME #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXX1011
		VLAN ID	VLAN ID	IP ADDR 3	IP ADDR 2	IP ADDR 1	IP ADDR 0

Response Frame to MAC ADDR Search sent to Management Processor

RESULT	FRAME #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXX1111
			MAC 5	MAC 4	MAC 3	MAC 2	MAC 0

520

Response Frame to Multicast ADDR Search sent to Management Processor

RESULT	FRAME #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXX1110
			VLAN ID	IP ADDR 3	IP ADDR 2	IP ADDR 1	IP ADDR 0

520

FIG. 9

610 → Interrupt Request Frame on Counter Roll-Over sent to Management Processor

	PORT #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXX0111
					INT 3	INT 2	INT 1

FIG. 11

Delete Multicast ADDR Request Frame sent to Management Processor

	FRAME #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXXX101
	VLAN ID	VLAN ID	IP ADDR 3	IP ADDR 2	IP ADDR 1	IP ADDR 0	
■ ■ ■							

530



Delete MAC ADDR Request Frame sent to Management Processor

	PORT #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXXX0000
	STAT	MAC 5	MAC 4	MAC 3	MAC 2	MAC 1	MAC 0
■ ■ ■							

Learn MAC ADDR Request Frame sent to Management Processor

	PORT #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXXX0100
	STAT	MAC 5	MAC 4	MAC 3	MAC 2	MAC 1	MAC 0
■ ■ ■							

New VLAN Port Request Frame sent to Management Processor

	VLAN IDX	PORT #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXXX1010
	VLAN ID	VLAN ID	VLAN ID	VLAN ID	VLAN ID	VLAN ID	VLAN ID	
■ ■ ■								

Age VLAN Port Request Frame to Management Processor

	VLAN IDX	PORT #	SIZE	ADDR 2	ADDR 1	ADDR 0	CMD 1	XXXXX1001
	VLAN ID	VLAN ID	VLAN ID	VLAN ID	VLAN ID	VLAN ID	VLAN ID	AGED VLAN PORT
■ ■ ■								

FIG. 10